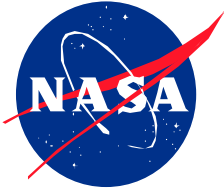


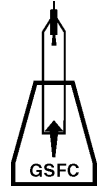
MOBIL AERIAL PLATFORM (MAP), POWERED INDUSTRIAL TRUCK (PIT), & JACK TRAINER COORDINATION

**Stanley Chan/540
RECERT Manager
x6-4209
12/11/2003**

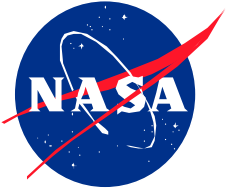
<http://mscweb.gsfc.nasa.gov/549web/recert/recert.htm>



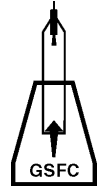
OVERVIEW



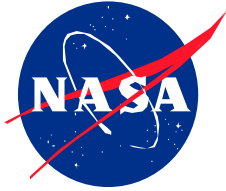
➤ BACKGROUND -----	3
➤ APPLICABLE STANDARDS -----	4
➤ PURPOSE OF TRAINER COORDINATION -----	5
➤ MAP & PIT OPERATOR CERTIFICATION -----	6
➤ MAP & PIT OPERATOR TRAINING -----	7
➤ JACK OPERATOR TRAINING -----	10
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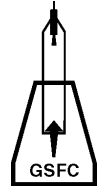
BACKGROUND



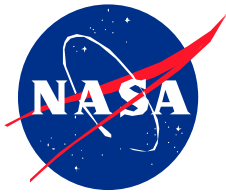
- **May 9, 2002 release of NASA-STD-8719.9**
(<http://www.hq.nasa.gov/office/codeq/doctree/87199.pdf>)
mandates:
 - **Certification of MAPS, PITS & Critical Jacks**
 - **Certification of Operators of MAPS & PITS**
 - **Designate and authorize operators of critical jacks**
- **RECERT MPJ and operator certification implementation plan commences in FY04, pending budget approval.**



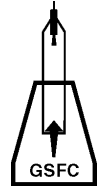
APPLICABLE STANDARDS



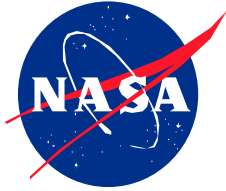
- For MAPS - ANSI/SIA A92.2, A92.3, A92.5 and A92.6 and ANSI/ASME B56.1, OSHA 29CFR1910.67, 29CFR1910.29 and OEM recommendations
- For PITS - ANSI/ASME B56.1, 29CFR1910.178 and OEM recommendations
- For Jacks - ANSI/ASME B30.1 and OEM recommendations



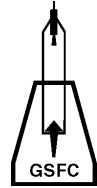
PURPOSE OF TRAINER COORDINATION



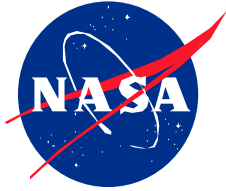
- **To obtain concurrence from current MAP and PIT trainers to continue to serve as an option for candidates who wish to obtain such training on-site.**
- **To formalize training programs by providing RECERT oversight by obtaining and reviewing training syllabi for compliance with NASA-STD-8719.9.**



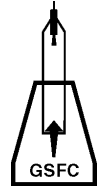
MAP & PIT OPERATOR CERTIFICATION



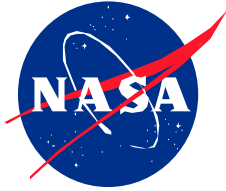
- **NASA-STD-8719.9 Requirements**
 - **Classroom Training**
 - **Physical Examination**
 - **Licensing**



MAP & PIT OPERATOR TRAINING



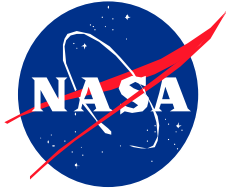
- **Classroom training per listed standards including, but not limited to:**
 - **Safety**
 - ✓ Environment of operation
 - ✓ Fall Protection, as appropriate
 - ✓ Lock Out and Tag Out
 - **Lifting equipment emergency procedures**
 - ✓ Safe-ing the equipment
 - ✓ Lowering the platform/personnel
 - ✓ Manual overrides



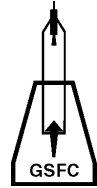
MAP & PIT OPERATOR TRAINING (cont'd)



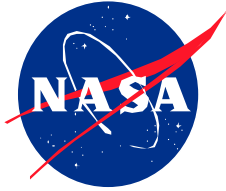
- **General performance standards**
 - ✓ Rated load or capacity
 - ✓ Speed of operation
 - ✓ Inter-locks/governors
- **Pre-operational checks**
 - ✓ batteries/fuel
 - ✓ tires
 - ✓ emergency switches/warning devices
- **Safety-related defects and symptoms (for initial certification and as needed)**



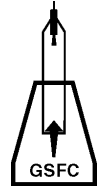
MAP & PIT OPERATOR TRAINING (cont'd)



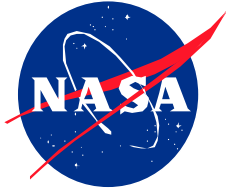
- Hands-on training (for initial certification and as needed)
 - ✓ operation of the MAP/PIT
 - ✓ hands-on operation with/without load.
 - ✓ examination: oral or written
- An annual review of items listed above (this may be conducted informally and documented by local supervisory personnel)
- Trainer to send documentation/roster of successful candidates to RECERT



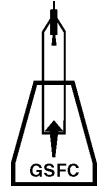
JACK OPERATOR TRAINING



- **Owner organization to designate and authorize jack operators**
 - **Operators shall be instructed in the proper use of jacks.**



OPERATOR LICENSE ISSUANCE



➤ **The RECERT Manager (GB) or RECERT Deputy Manager (WFF) will issue the appropriate operator license upon receipt of proof of successful:**

- **Training / Refresher**
- **physical examination (every 3 years)**

<http://mscweb.gsfc.nasa.gov/549web/recert/operatorlicensing.pdf>

- **Annual License renewal required**